

PM-19

Reg # 527-128

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

Registration
Amendment
 Other

OPP Identifier Number
218182

Application for Pesticide - Section I

1. Company/Product Number 527-128	2. EPA Product Manager Dennis Edwards	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Hydro-Cide Residual	PM# 19	
5. Name and Address of Applicant (Include ZIP Code) Rochester Midland P.O. Box 1515 Rochester, NY 14603 <input type="checkbox"/> if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Revised effluent discharge labeling as required by PR Notice 93-10
Notification in accordance with PR Notice 88-6

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Barbara P. Minor	Title Mgr. Regulatory Affairs	Telephone No. (Include Area Code) (716) 336-2292
2. Signature 		3. Title Manager, Regulatory Affairs
4. Typed Name Barbara P. Minor		5. Date 7/10/95
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)

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Page

addition



Hydro-Cide

Hydro-Cide Residual breaks the life cycle of fleas. Kills adult fleas and pre-adult fleas on contact. Keeps killing pre-adult fleas for up to 42 days and adult fleas for up to 30 days. Reaches fleas hidden in carpets. For Residual and Contact Control of Cockroaches (Waterbugs), Crickets, Silverfish (Firebrats), Clover Mites, Centipedes, Earwigs, Sawbugs (Pillbugs), Spiders, Brown Dog Ticks, Lone Star Ticks, Ants, Fire Ants, Carpe Beetles, Fleas, including pre-adult fleas, Boxelder Bugs, Scorpions, Spider Beetles, Bed Bugs, House Flies, Mosquitoes, Gnats, Flying Moths, Confused Flour Beetles, Sawtoothed Grain Beetles, Shiny Spider Beetles, Grain Mites, Red Flour Beetles, Angoumois Grain Moths, Grain Weevils, Indian Meal Moths, Mediterranean Flour Moths, Lesser Grain Borers, Cigarette Beetles, Drug Store Beetles, Chocolate Moths, Clothes Moths

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewer treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with eyes, skin or clothing. Wash hands after using in food handling areas. Application is limited to crack and crevice and/or spot treatment. Do not apply directly to food or feedstuff. In commercial food handling facilities, cover or remove any food or food processing equipment during application. Do not apply while food processing is underway. All food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish aquariums before spraying. Refer to the Hydro-Cide Residual Material Safety Data Sheet for other safety information.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention if in eyes or on skin. Flush with plenty of water for at least 15 minutes. For eyes get medical attention.
NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. If symptoms of cholinesterase inhibition appear, atropine only by injection is an antidote.

ENVIRONMENTAL HAZARDS

This product is toxic to L. di. lar. and aquatic invertebrates. Bees feeding in treated areas may be killed. Clean up spilled product to reduce exposure to wildlife. For terrestrial uses, do not apply directly to water to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater.

PHYSICAL AND CHEMICAL HAZARDS

Do not apply this water-based product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. Do not use on surfaces that can be harmed or stained by water.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
IN FOOD HANDLING ESTABLISHMENTS: Hydro-Cide Residual can be used in non-food areas as a contact or residual spray. In food areas, application is limited to spot and/or crack and crevice treatment. Hydro-Cide Residual can be used in non-food areas, such as corridors, offices, lofts, lavatories, garages, utility rooms, storage rooms and basements of packaging and processing plants, milk handling areas of milk plants, milk storage rooms, egg processing plants, supermarkets, restaurants, bottling plants, canneries, flour and feed mills and bakeries.
For use in non-food areas indoors and outside of premises of hotels, motels, preschools, apartment buildings, commercial, office, institutional and storage buildings, recreational buildings, boats, ship cabins, and hospitals. In hospitals, remove patients prior to treatment. Ventilate rooms for two hours before returning patients.
Also for use in and around campers, mobile homes, buses and automobiles. This product can be used in cargo planes, trucks, boxcars and ship cargo holds only if the vehicles are not used for transport of food or food products at any time.
Also, for use in dog kennels, and horse stables. Do not spray on horses and dogs. Do not spray dog and horse food or feed items.
NOTE TO PEST CONTROL OPERATORS: One gallon (3.79 L) of spray is sufficient to treat 1500 linear feet (457 m) with a 6 inch (15.2 cm) spray band.
For contact and residual sprays use this product without diluting. For repeat applications dilute with equal parts of water.

ACTIVE INGREDIENTS:
* Resmethrin [5-(phenylthio)-2,2-dimethyl-3-(2-methylcyclopropanecarboxylate)]
** Chlorpyrifos [0,0-diethyl phosphorothioate]
INERT INGREDIENTS:

*Cis/trans isomers ratio:
**U.S. Patent No. 3,244,5
***U.S. Patent No. 3,683,0

PRECAUTIONAL USAGE:
La etiqueta le haya sido ex
(TO THE USER): If you ca
has been fully explained to

KEEP OUT

See Left Panel for
and Sta

(continued on right panel)

FORM 11100-BULK
(Rev. 7-18-95)

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EPA Est. No. 527-NY-1

EPA Est. No. 527-IL-1

NET CONTENTS: 3.8

1G

Hydro-Cide[®] Residual

Resmethrin/Chlorpyrifos Insecticide
 Transparent Emulsion*** Spray 0.1% + 0.5%
 A Combination of Insecticides Offering Flushing Action and Residual Kill of
 Cockroaches for up to 4 Weeks
 Contains DURSBAN** INSECTICIDE
 EPA Reg. No. 527-128

ACTIVE INGREDIENTS:

Resmethrin [5-(phenylmethyl)-3-furanyl] methyl 2,2-dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylate	0.10%
Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	0.50%
INERT INGREDIENTS:	99.40%
	100.00%

*Cis/Trans isomers ratio: max. 30%(s) cis and min. 70%(s) trans.
 **U.S. Patent No. 3,244,586 Dursban is a trademark of Dow Chemical Co.
 ***U.S. Patent No. 3,683,078.

PRECAUCION AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.
 (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

See Left Panel for Additional Precautionary Statements
 and Statement of Practical Treatment

NET CONTENTS: 1 Gallon 5 Gallons 55 Gallons
 3.8 Liters 18.9 Liters 208.2 Liters Lot#

(DIRECTIONS: continued from left panel)

CONTACT SPRAY: KILLS AND REDUCES INFESTATIONS: Cockroaches (waterbugs), crickets, silverfish (firebrats), Dover mites, centipedes, millipedes, earwigs, sowbugs (pillbugs), spiders, brown dog ticks, lone star ticks, ants, fire ants, carpet beetles, fleas, boxelder bugs, scorpions, spider beetles, bedbugs, confused flour beetles, sawtoothed grain beetles, shiny spider beetles, grain mites, red flour beetles, angoumois grain moths, grain weevils, Indian meal moths, Mediterranean flour moths, lesser grain borers, cigarette beetles, drug store beetles, chocolate moths. Use as a spot treatment. When possible, spray directly on pests to reduce infestations. Apply as a coarse spray or with a paint brush into hiding places such as cracks, crevices, moist areas, openings around pipes and sinks, under refrigerators and other appliances, baseboards and storage areas. Apply spray until area is wet, but not to the point of run-off. Repeat as necessary.

ANTS (Including Fire Ants): To kill ants, spray trails, nests and points of entry within buildings. Spray directly on ants where possible. Repeat as necessary.

FLEAS, BROWN DOG AND LONE STAR TICKS: Thoroughly apply as a spot treatment to infested areas such as pets' beds and resting quarters; nearby cracks and crevices, along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Old bedding of pets should be removed and replaced with clean fresh bedding after treatment of pet areas. **DO NOT TREAT PETS WITH THIS PRODUCT.** Treat pets with a product registered for animal application such as Hydro-Cide 100 General Purpose Aqueous Pyrethrum Insecticide, EPA Reg. No. 1057-64-527. Control the source of flea and tick infestation.

CARPET BEETLES AND CLOTHES MOTHS: Do not spray clothing with this product. Do not allow clothing to contact areas where this product has been used. Spray edges of carpeting and under carpeting, rugs, and closets. Make localized application to the floor and baseboards. Spray directly into cracks, crevices, closets, and infested areas of shelving and/or wherever these insects are seen or suspected. Repeat as necessary.

RESIDUAL SPRAY: AIDS IN THE CONTROL OF COCKROACHES (Waterbugs), CRICKETS, BOXELDER BUGS, SCORPIONS, SPIDER BEETLES, SILVERFISH (Firebrats), CENTIPEDES, MILLIPEDES, EARWIGS, SOWBUGS (Pillbugs). Kills up to 4 weeks. Apply on baseboards, cracks and crevices, around door and window frames, and other hiding places such as closets, in back of and under appliances, sinks and cupboards in kitchens and bathrooms. In basements, apply in hiding places, in cracks and crevices, lower walls and dark places. Spray surfaces until wet, but not to the point of run-off.

PESTS OUT-OF-DOORS

DO NOT TREAT OR ALLOW THE SPRAY TO CONTACT PLANTS (LAWNS, FLOWERING PLANTS, SHRUBS, TREES, EVERGREENS, ETC.) BECAUSE OF POSSIBLE INJURY.

PESTS ON OUTSIDE SURFACES OF BUILDINGS: Use this product to control ants, Dover mites, crickets, earwigs, millipedes, and sow bugs (pillbugs), on outside surfaces of buildings. To help prevent infestation of buildings treat the building foundation to a height of 2 to 3 feet (0.5 to 1 m), where pests are active and

may find entrance. Also, apply as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps, and other areas where these pests congregate or have been seen. Repeat treatment as needed to maintain effectiveness.

HOUSEFLIES, MOSQUITOES, GNATS, FLYING MOTHS OUTDOORS: For outdoor use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages, and other places where these insects alight or congregate. Repeat as necessary.

ANTS, BROWN DOG TICKS, CRICKETS, FLEAS, AND EARWIGS OUTDOORS: For treatment of localized infestations of these insects in outdoor areas where there are weeds or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat application as infestations warrant and as reinforcements occur.

TO CONTROL FIRE ANTS: Dilute 1.5 pints (0.71 L) of this product in 1 gallon (3.79 L) of water. Apply 1 gallon (3.79 L) of solution as a gentle rain to each fire ant mound using a sprinkler can. Thoroughly wet the mound and surrounding area to a 4 foot diameter (1.22 m). For best results, apply in cool weather, 65-80°F (18.5-27°C), or in early morning or late evening hours. Treat new mounds as they appear. Do not disturb the mound prior to treatment. If possible, treat all mounds in the vicinity, and treat all colonies which may not as yet have constructed a mound.

Larger quantities of solution can be prepared for multiple mound treatments. Equipment to deliver the diluted product as a gentle rain at the rate of 1 gallon (3.79 L) per mound is still required. Do not use equipment that generates a pressurized spray as pressurized sprays may disturb fire ants and cause migration, reducing product effectiveness.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
STORAGE: Do not store this water-based formulation at temperatures below 32°F.

For containers one gallon and under: Store product in original container in a locked storage area.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or purchase and dispose of in a sanitary landfill, or by other procedures approved by State and Local authorities.



CORPORATE HEADQUARTERS
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 ROCHESTER, NY 14603-1515
 BRANCH WAREHOUSES IN PRINCIPAL CITIES

MADE IN USA